



JP5031367A: CATALYST FOR EXHAUST GAS PURIFICATION

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Abstract: **Purpose:** To obtain a ternary catalyst having a catalytic activity even at 900°C or higher and high purifying function against NOx. **Constitution:** A composite oxide with a perovskite-type structure having a general formula $Ln_{1-x}AxMO_3$ (Ln denotes rare earth metals except for Ce, A denotes Ce or alkaline earth metals, M a transition metal, either one denotes one or two kinds of them, respectively, $0 < x < 1$), a heat-resistant oxide which contains Ce and Zr and/or rare earth metals except for Ce and at least a part of which becomes a composite oxide or a solid solution, and a noble metal are made to coexist. Due to the coexistence of the heat-resistant oxide, the heat-resistance is heightened and due to the coexistence of the noble metal, purifying function against NOx is heightened.

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Foreign References: n n

(No patents reference this one)

